

Notice of Allowability

Application No.

09/915,086

Examiner

Ted T. Vo

Applicant(s)

SEELEMANN, ILENE RUTH

Art Unit

2192

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/10/2004.
2. ☒ The allowed claim(s) is/are 1-25 and 27.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

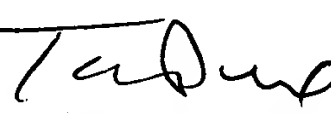
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


TED T. VO
Primary Examiner

EXAMINER'S AMENDMENT

1. This action is in response to the amendment filed on 12/10/2004.
2. After numerous attempts to reach attorney of record, Gregory Doudnikoff, Attorney Reg. No. 32847, an examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Art Unit: 2192

3. Examiner amendment is given to correct the cancellation informality to Claim 26. Claim 26 is labeled with "canceled"; however, the remaining text in Claim 26 is informality in accordance to 37 CFR 1.121(c). The Examiner Amendment presents for resolving the informality cancellation of Claim 26 in order to place the application in the condition for allowance.

4. In the claims of the amendment filed on 12/10/2004:

Please cancel the Claim 26 as follows to place the application in the condition for allowance:

26. (Canceled)

----- End -----

Art Unit: 2192

5. The amendment filed on 12/10/04 has been fully considered.

The amendment is fully responsive to the issue 35 U.S.C 101.

Claims 17-23, and 25 which are allowed in the Allowable Subject Matter in the prior action remain allowed.

Claim 26 is canceled.

The arguments to the rejection of Claims 1-16, 24, and 27 are persuasive.

Prior art of record, Passerone et al., "Generation of minimal size code for schedule graphs", remains the closest art of record.

Reasons for Allowance

6. Claims 1-25, and 27 are allowed.

Prior art of record, Passerone, discloses generating code including an analysis for performing a depth-first traversal of a logical tree by: visiting an initial node such as a root node; cutting loops when already visited nodes are encountered and a new leaf node is then created, cutting of loops (opening) preserves the property of reachability; when a leaf node is reached, the update or jump section is generated before going back in the traversal and await nodes are put in a odelist so that new invocations of the function can proceed and when reaching a loop in the schedule that was cut, the child is also added to odelist for further traversal (closing).

However, as pointed by Applicants that Passerone does not disclose concept of mapping (Remarks, page 13, paragraph, started at "Claim 1..."). As further pointed out by Applicants that Passerone does not teach creating a mapping connection, closing a loop or opening a loop, but rather is directed to minimizing the code size of sequential programs (Remarks, page 14, full paragraph, started with "Claim 1...").

Therefore, the following is an examiner's statement of reasons for allowance:

The cited prior arts taken alone or in combination fail to teach claimed invention to a computer-implemented method of generating program source code to perform a mapping task in which enterprise system nested array object fields and legacy system nested array object fields are mapped to one another, comprising at least features,

"(i) for each intermediate node visited when traversing away from said root node, generating program source code to open a loop;

(ii) for each visited leaf node, generating program source code to create the mapping connection represented by said visited leaf node; and

(iii) for each intermediate node having no unvisited children that is visited when traversing towards said root node, generating program source code to close said loop",

as recited in independent Claim 1, and in such manners as recited in independent Claims 5, 13, 17, 24, 25, and 27.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ted T. Vo whose telephone number is (571) 272-3706. The examiner can normally be reached on 8:00AM to 5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam can be reached on (571) 272-3694. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist: 571-272-2100. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

Art Unit: 2192

system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Ted Vo', with a stylized flourish at the end.

Ted T. Vo
Primary Examiner
Art Unit 2192
April 01, 2005